

19/587306

JAP6 Rec'd PCT/PTO 26 JUL 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q95729

Takeshi MORIMOTO, et al.

Appln. No.: National Stage of PCT/JP2004/018291

Confirmation No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: July 26, 2006

Examiner: Not yet assigned

For: LASER DIODE PUMPED SOLID-STATE LASER OSCILLATOR AND LASER
DIODE CONTROL METHOD OF THE OSCILLATOR

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: National Stage of PCT/JP2004/018291
Attorney Docket No. Q95729

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicants enclose herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (Japanese language International Search Report for PCT/JP2004/018291 dated March 15, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicants submit the following explanations:

Japanese Patent Application (KOKAI) No. 10-284789 - This document discloses a laser diode drive circuit which monitors an optical output of a laser diode, and controls so as to flow a laser diode bias current by bias circuit connected in parallel to the laser diode when the output is predetermined value or less. This document is also cited on page 4 in the specification of the present application and an English language abstract is attached.

Japanese Patent Application (KOKAI) No. 59-103565 - This document discloses a circuit which conducts a light emitting diode when the light emitting diode is not in a conduction state. It does not have a function for controlling a bypass circuit based on an external signal. This document is also cited on page 4 in the specification of the present application and an English language abstract is attached.

Japanese Patent Application (KOKAI) No. 59-113768 - This document discloses an optical gate signal generator which bypasses a current to a bypass circuit which has an alternative light emitting diode when an open malfunction occurs on a light emitting diode. This document is also cited on page 8 in the specification of the present application and an English language abstract is attached.

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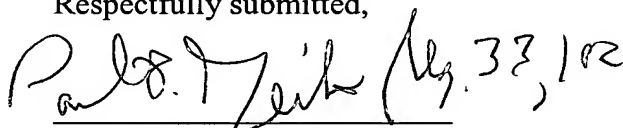
INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: National Stage of PCT/JP2004/018291
Attorney Docket No. Q95729

Japanese Patent Application (KOKAI) No. 2001-353897 - This document discloses an image forming apparatus which detects a light emitting state of a laser diode, and continues to drive a light emitting source when a malfunction number of light emitting source is predetermined value or less. An English language abstract is also attached.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: July 26, 2006

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number 10/587306	
				Confirmation Number Not yet assigned	
				Filing Date July 26, 2006	
				First Named Inventor Takeshi MORIMOTO	
				Art Unit Not yet assigned	
				Examiner Name Not yet assigned	
Sheet	1	of	1	Attorney Docket Number Q95729	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	2004-14917	A	01-15-2004	NIPPON ELECTRIC CO.	Abstract
		JP	2002-50813	A	02-15-2002	TOKYO SHIBAURA ELECTRIC CO.	Abstract
		JP	10-284789	A	10-23-1998	NIPPON ELECTRIC CO.	Abstract
		JP	59-103565	A	06-15-1984	HITACHI LTD.	Abstract
		JP	59-113768	A	06-30-1984	TOKYO SHIBAURA ELECTRIC CO.	Abstract
		JP	2001-353897	A	12-25-2001	RICOH KK	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

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